

# **Historic, Archive Document**

Do not assume content reflects current  
scientific knowledge, policies, or practices.



# COTTON LITERATURE

## SELECTED REFERENCES

PREPARED IN THE LIBRARY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE  
WITH THE COOPERATION OF THE BUREAU OF AGRICULTURAL ECONOMICS,  
BUREAU OF PLANT INDUSTRY AND BUREAU OF ENTOMOLOGY  
AND PLANT QUARANTINE

COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,  
BUREAU OF AGRICULTURAL ECONOMICS, WASHINGTON, D. C.



Vol. 6

June, 1936

Production .....	199
General .....	199
Botany .....	200
Agronomy .....	201
Diseases .....	202
Insects .....	202
Farm Engineering .....	203
Farm Management .....	203
Production Credit .....	203
Cotton Land Resources .....	203
Farm Social Problems .....	204
Cooperation in Production .....	205
Preparation .....	205
Ginning .....	205
Baling .....	205
Marketing .....	206
General .....	206
Demand and Competition .....	207
Supply and Movement .....	210
Prices .....	211
Marketing and Handling Methods and Practices .....	212
Services and Facilities .....	212
Cooperation in Marketing .....	213
Utilization .....	214
Fiber, Yarn, and Fabric Quality .....	214
Technology of Manufacture .....	218
Technology of Consumption .....	220
Cottonseed and Cottonseed Products .....	222
Legislation, Regulation, and Adjudication .....	224
Miscellaneous--General .....	227

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONGeneral

India. Madras. Department of agriculture. Reports of subordinate officers...for 1934-35. 166pp., tables. Madras, Superintendent, Government press, 1935. 22 M26Re

Experiments with cotton are reported by the Director of Agriculture of several "Circles." Administration report of the cotton specialist for the year 1934-35, pp.114-120; Administration report of the government entomologist for the year 1934-1935, pp.132-139. (Pink bollworm of cotton, p.134)

Indian science congress. Proceedings of the 22nd... 1935. 590pp. Calcutta. Asiatic society of Bengal, 1935. 512 In22

Includes abstracts of the following articles relating to cotton: Cotton yields in the districts of the Bombay presidency in relation to weather factors, by L. A. Ramdas, R.J. Kalamkar and others, p.352; Cotton acreages in the districts of the Bombay presidency in relation to meteorological factors and the prices of cotton, by R.J. Kalamkar, V. Satakopan, and S. Gopal Rao, p.352; Agronomic adjustments of the cotton crop, in the Gang canal colony, Bikanir State, India, by Shamsher Singh and Yeshwant D. Wad, p.354; Experiments on the germination of cotton seed by B.B. Mulchandani, p.366; Influences dominating cotton yields in monsoon areas, by Kuber Singh and Yeshwant D. Wad, p.367; The cotton leafroller (*Sylepta derogata* Febr.) in the Punjab, by M. Afzal Husain, p.377; Cotton survey of Osmanabad District in H.E.H. The Nizam's Dominions, by B.B. Mulchandani and N.R. Yardi, p.382.

Mississippi agricultural experiment station.

Quadrennial report of the South Mississippi branch experiment station. Miss. Agr. Expt. Sta. Bull. 310, 19pp., illus. State College. 1935. 100 M69  
Cotton experiments: pp.8-9.

Uganda Protectorate. Department of agriculture.

Annual report... for the year ended 31st December 1934 (Part II). 99pp. Entebbe, Government printer, 1936.

Cotton sowing date and spacing trials, breeding work, diseases and insect pests are reported upon.



Botany

Hutchinson, J.B. Some observations on the inheritance of form and size in Asiatic cottons. Internat. Congr. Bot. 6th, Proceedings 2: 120-121. Sept. 2-7, 1935. (Published by E.J.Brill, Leiden, Netherlands) 451 C769R 6th v.2  
 "The genetic factors affecting leaf shape have little effect on leaf length, but mainly affect growth at right angles to the main leaf veins, the control being very local, possibly confined to the individual cell." Empire Cotton Growing Rev. 13(2): 163-164. April 1936.

Mason, T. G., Maskell, E. J., and Phillis, E. Further studies on transport in the cotton plant. III. Concerning the independence of solute movement in the phloem. Ann. Bot. 50(197): 23-58, illus. January 1936. (Published at London, England) 450 An7  
 Literature cited, pp.57-58.

"It is concluded that the upward movement of stored nitrogen may be an example of upward movement via the phloem in opposition to the downward movement of carbonhydrates, but that until more is known as to the conditions determining liberation of stored nitrogen into the tracheae the alternative of upward movement entirely via the xylem cannot be excluded."

Reprinted with part IV as Memoirs of the Cotton Research Station, Trinidad, Ser.B., Physiology, No.7.

Phillis, E. and Mason, T.G. Further studies on transport in the cotton plant. IV. On the simultaneous movement of solutes in opposite directions through the phloem. Ann. Bot. 50(197): 161-173, illus. January 1936. (Published at London, England) 450 An7  
 Literature cited, pp.173-174.

"It is concluded that nitrogen and carbohydrates may travel simultaneously in opposite directions through the phloem."

Reprinted with part III as Memoirs of the Cotton Research Station, Trinidad, Ser.B., Physiology, No.7.

Yang, S.C., Tai, E.C. and Yeh, Y.N. An analysis of the constituents in the different parts of the cotton plant. Agr. Assoc. China Jour.(146/147): 102-107. March/April 1936. (Published by Agricultural Association of China, 14 Shuang-lung-hsiang, Kulou, Nanking, China) C 22.5 Ag862.

In Chinese.

Yang, S.C., Tai, E.C. and Yeh, Y.N. Report of chemical analysis of twelve Asiatic and American varieties of

cotton. Agr. Assoc. China Jour. (146/147): 98-101, table. March/April 1936. (Published by the Agricultural Association of China, 14 Shuang-lung-hsiang, Kulou, Nanking, China) C 22.5 Ag862  
In Chinese.

### Agronomy

La culture du cotonnier en Espagne. Revue Agricole de l'Afrique du Nord 34(869): 194-196. Mar. 27, 1936. (Published at 12, R. Dumont-d'Urville, Alger, Algeria) 80 R326

Cotton culture in Spain.

Georgia. Coastal plain experiment station. Fifteenth annual report 1934-1935. Ga. Agr. Expt. Sta. Bull. 25, 112pp. Tifton. 1935. 100 G292

Cotton variety test pp.11-13; Cotton-fertilizer tests, pp.13-19.

Malinkin, N.P. Plowing under winter peas as green manure, and the effect of its decomposition on the cotton seedlings. All Union Sci. Research Cotton Inst. (Sredne-Aziat. NIKhI) Bull.2(16): 108-110, tables. 1935. (Published at Tashkent, U.S.S.R.) 72.9 T182

In Russian. Conclusions in English, p.143.

Matviiv, I.K., and Baiândina, A.P. Plowing under winter peas as green manure, and the effect of its decomposition on the cotton seedlings. All Union Sci. Research Cotton Inst. (Sredne-Aziat. NIKhI) Bull.2(16): 93-107, illus. 1935. (Published at Tashkent U.S.S.R.) 72.9 T182

In Russian. English summary; pp.142-143.

Miles, G.F. Equipment for the dust disinfection of cottonseed. Amer. Ginner and Cotton Oil Miller 13(8): 4-5. April 1936. (Published by American Ginner Publishing Co., 215 East Third St., Little Rock, Ark.) 72.8 Am35

"It is the purpose of this article merely to indicate in a general way the requirements for equipment to be used for the dust disinfection of cottonseed, particularly by ginnermen, seedsmen and breeders."

A new variety of Egyptian cotton. Internatl. Cotton Bull. 14(55): 313-314. April 1936. (Published at 26 Cross St., Manchester, 2, England) 72.8 In8

"This new strain has been originated by the Royal Agricultural Society." The variety has not

yet been named. It is characterized by whiteness of fiber, medium staple length, early maturity, and satisfactory yield.

Straumal, B.P. Cotton seed production. All Union Sci. Research Cotton Inst. (Sredne-Aziat. NIKhI) Bull.2(16): 3-8, tables. 1935. (Published at Tashkent, U.S.S.R.) 72.9 TL82  
In Russian. English summary, p.139.

Willis, L.G., and Piland, J.R. The function of copper in soils and its relation to the availability of iron and manganese. Jour. Agr. Res. 52(6): 467-476, illus. Mar.15,1936. (Published by the United States Department of Agriculture, Washington, D.C.) 1 Ag84J  
Experiments with maize and cotton.

### Diseases

Clara, F.M. A new disease of cotton (Gossypium sp.) in the Philippines. Philippine Jour. Agr. 6(2): 217-225, illus., tables. 1935. (Published by the Department of Agriculture and Commerce, Manila, P.I.) 25 P543  
"Diseases encountered at the Central Experiment Station, Manila, are mentioned. A new form is a leaf blight ascribed to Helminthosporium gossypii. The fungus is similar to one reported from Porto Rico."-Textile Inst. Jour. 27(3): A96. March 1936.

### Insects

El control biológico del gusano rosado del algodón. Campesino 1(5): 29-31, illus. January 1936. (Published by Secretaria de Agricultura y Fomento, Tacuba 7, Mexico, D.F.) 8 R15  
The biological control of the pink bollworm of cotton.

Creighton, J.T. Anomis erosa Hubn. as an insect pest of cotton. Jour. Econ. Ent. 29(2): 279-292. April 1936. (Published at Menasha, Wis.) 421 J822

Folsom, J.W. Notes on little-known cotton insects. Jour. Econ. Ent. 29(2): 282-285. April 1936. (Published at Menasha, Wis.) 421 J822  
Literature cited, p.285.

Harland, S.C. La region algodonera de Uramita (Antioquia). Boletin de Comercio, (48/49):



5-9, June/July 1935. (Published by Ministerio de Agricultura y Comercio, Bogota, Colombia) 286.8 C712

The cotton region of Uramita (Antioquia).

Insect pests are especially mentioned.

Soyer, D. La chenille enrouleuse des feuilles du cotonnier *Sylepta derogata* Fab. Bulletin Agricole du Congo Belge 26(4): [496]-498, illus. December 1935. (Published by Direction Générale de l'Agriculture et de l'Elevage, Place Royale, 7, Bruxelles, Belgium) 24 K83

The cotton leaf-roller, *Sylepta derogata* Fab.

Taubenhaus, J.J., and Christenson, L.D. Insects as possible distributors of *Phymatotrichum* root rot. Mycologia 28(1): 7-9. January-February 1936. (Published for New York Botanical Garden, at Prince and Lemon Sts., Lancaster, Pa.) 450 M99

"Contribution No.290, Technical Series, Texas Agricultural Experiment Station."

"From these preliminary tests it appears that insects are probably not involved in the spread of *Phymatotrichum* root rot." - Summary.

### Farm Engineering

Program for picker. Time 27(12): 60. Mar.23,1936. (Published at 350 East 22nd St., Chicago, Ill.)

The plan of the Rust Brothers to lease their cotton harvesting machine in order not to throw men out of work is noted.

### Farm Management

Wages in cotton picking in 1935. Mo.Labor Rev. 42 (1): 180, table. January 1936. (Published by U.S. Department of Labor, Washington, D. C.) 158.6 B87M

Table shows rates for 1929 and 1933-1935 for picking seed cotton.

### Production Credit

United States. Commodity credit corporation. Instructions--1934-35 CCC cotton form M. Fed. Register 1(36): 362-363. May 2, 1936. (Published by National Archives, Washington, D.C.)

### Cotton Land Resources

North Carolina Agricultural extension service. Agricultural program for North Carolina.

N.C. Agr. Ext. Serv. Circ.208, 70pp. State College Station, Raleigh. 1936. 275.29 N811

Cotton is one of the crops included in the program.

United States National resources board. Agricultural land requirements and resources. Part III of the report on land planning. 64pp. illus., tables, charts. Washington, U.S. Govt. print. off., 1935.

Cotton yields, p.21; Trends of land use, Cotton Belt, pp.57-61.

### Farm Social Problems

Odum, H.W. The regional approach to national social planning, with special reference to a more abundant south and its continuing reintegration in the national economy. Issued in cooperation with the Institute for research in social science, University of North Carolina. 31 pp. New York, Foreign Policy association; Chapel Hill, N.C., University of North Carolina Press, 1935. 280.002 Od8

"The present study features the eleven Southeastern States corresponding more nearly to the 'Old South,' beginning with Virginia and comprising also the five pairs of states: North and South Carolina, Kentucky and Tennessee, Georgia and Florida, Alabama and Mississippi, Louisiana and Arkansas...

"This paper undertakes simply to state the case for regional national social planning with special reference to the Southeast, emphasizing the importance of a cooperative and coordinated design of, for, and by all institutions of all regions as opposed to mere economic planning through centralized autocracy."

Sanders, J.T. Tenancy and our cotton programs. Okla. Agr. Expt. Sta. Current Farm Econ.(Ser.49) 9(2): 56-58. April 1936. (Published by the Department of Agricultural Economics, Oklahoma A. & M. College, Stillwater, Okla.) 100 Ok4

"One of the most profound problems facing the South is that of tenancy. Until this problem is solved, formulation of any long time cotton program is like erecting a house on a foundation of sand."

Vance, R.B. The negro agricultural worker under the federal rehabilitation program. Section I, part 1. The negro farmer: marginal man in agricultural maladjustment. Part 2. Landlord-tenant relations in the south. 244pp., tables, mimeogr. [1936]. 281.002 V27

"For the Committee on Negroes and Economic Reconstruction."

This study "is devoted to the internal changes in the sub-regions of the Cotton Belt as affecting white and black tenants for the past thirty years. Against the backdrop of the fluctuating fortunes of thirty regions is viewed the rise and fall of owners and tenants. Particular attention is paid to the rise of a semi-independent Negro yeomanry under the principle of self-help. The chances of the small owner in competition with the plantation are estimated; the claims of the tenant system are weighed against its disadvantages, and an estimate of the effect of the depression and the AAA is made."-Foreword.

### Cooperation in Production

One variety gets results in Georgia. Cotton Trade Jour.16(21): 6. May 23, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Work of the Georgia Cotton Improvement Committee in developing one-variety communities in Georgia is described.

### PREPARATION

#### Ginning

Bennett, C.A. Checking over gin machinery for the approaching season. Cotton Digest 8(32): 6-7. May 16, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Bennett, C.A. Cotton ginning. Nebraska Blue Print 35: 56-57, 59, illus. January 1936. (Published by the College of Engineering, University of Nebraska, Lincoln, Nebr.)  
Brief history and description of ginning.

#### Baling

Comer, Donald. Use cotton bagging instead of jute. Com.and Finance 25(11): 395,406. May 30, 1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N. Y.) 286.8 C737

Wells, W.G. Consignment of cotton. Queensland Agr. Jour.45(3): 263-266, illus. Mar.1,1936. (Published by Queensland Department of Agriculture and Stock, Brisbane, Queensland, Australia)  
23 Q33

Methods of baling cotton in Queensland are described.

MARKETINGGeneral

[American cotton shippers' association. National affairs and contract committee.] Government subsidy of co-ops condemned by ACSA Committee. Cotton Trade Jour.16(18): 3. May 2, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Report at meeting in Dallas, April 24-25, 1936.

American cotton shippers hold important convention. Cotton Digest 8(30): 10-13. May 2, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Report of the twelfth annual convention of the American Cotton Shippers Association, Dallas, Texas, April 24-25, 1936. Reports of committees on proposed changes in the New York Cotton Exchange contract and on foreign rules and arbitrations were adopted.

Bretherton, Rachel. Market research sources. U.S. Bur.Foreign and Dom.Com., Dom.Com. Ser.55, 253pp. Washington. 1936. 157.54 D71 No.55

See "Finding Guide" for sources relating to cotton marketing.

Cooper, M.R. The position of American cotton and the American cotton producer. 17pp., charts, mimeogr. [Washington, U.S. Department of agriculture, Bureau of agricultural economics, 1936]

Address at Ninth annual marketing school and annual meeting of the Arkansas Council for Agriculture, Little Rock, Arkansas, March 4, 1936.

Karachi cotton annual, 1934-35. No.2. A compendium of all matters relating to the Karachi cotton trade with particular reference to Sind, the Punjab, U.P. and Rajputana. Containing statistical tables of crops, exports, prices, stocks, etc. [83]pp., illus., tables. Karachi, India, Karachi cotton association, ltd. [1936?] 281.3729 K14 no.2

McFadden, J.H. Growers, merchants and spinners alike interested in volume production-distribution. Cotton Trade Jour.16(20): 3. May 16, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The present situation in the cotton industry is described.



Mehta, Chunilal & Co. Indian cotton review for the season 1934-35. Eighth year of issue. 23pp., tables. Bombay, [1935?] 281.3729 M47

[New York cotton exchange service] World uses more American cotton and with prices more competitive. Cotton Digest 8(31): 10-11. May 9, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822  
The current season is reviewed.

Producción y consumo del algodón y derivados en la Republica Argentina. Boletin Oficial de la Bolsa de Comercio 25(582): 1-9. Apr. 15, 1936. (Published at Rosario, Argentina.) 287 R71

Production and consumption of cotton and its derivatives in the Argentine Republic.

### Demand and Competition

An ABC of cotton. II-Yarn. Manchester Guardian Com.32(824): 301, Apr. 3, 1936. (Published at Guardian Bldg., 3 Cross St., Manchester, 2, England) 286.8 M3151

Terms used in the buying and selling of yarn are defined.

[American cotton manufacturers association] Nationalization of textile industry sought. 40th annual convention of spinners now in session at Pinehurst, N. C. Kemmerer, Murchison and Everett among speakers. Cotton Trade Jour.16(18): 1,4. May 2, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214  
Partial report of meeting held at Pinehurst, N.C., May 1-2, 1936.

Also in Textile World 86(6): 70-73. May 1936; Textile Bull.50(10): 30c. May 7, 1936; Fibre and Fabric 89(2675): 6,7,8,9,10, May 9, 1936; Cotton [Atlanta] 100(5): 71-74. May 1936; Amer. Wool & Cotton Reprtr.50(20): 15-17,31,38. May 14, 1936.

[American cotton manufacturers' association. Traffic department] Transportation problems of southern textile industry. Cotton Trade Jour.16(20): 3. May 16, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Report at annual convention, May 1-2, 1936.

Also in Textile Bull.50(10): 26,30h. May 7, 1936.

Bodenbender, H.G. Zellwolle. Kunstspinnfasern: vistra, flox, cuprama, spinstro, zellvag, aceta,



rhodia-faser, filiro, drawinella, sniafiocco, fibre, dupont, rayon staple fibre, textra, etc.; ihre herstellung, verarbeitung und verwendung. 480pp., illus., tables, charts. Berlin-Steglitz, Chemisch-technischer verlag dr. Bodenbender [1936]. 304 B632

"Literatur-und patentubersicht": pp. [445]-463.

Cellwool. Artificial fibers: vistra, flox, cuprammionium, spinstro, zellvag, acetate, rhodia-fiber, filiro, darwinella, sniafiocco, fibro, dupont, rayon staple fiber, textra, etc., their production, manufacture and use.

British East Africa. Tanganyikan textile imports in 1935. Gt. Brit. Bd. Trade Jour. 136(2053): 525, table. Apr. 9, 1936. (Published by H. M. Stationery Office, Adastral House, Kingsway. London, W.C.2, England) 256.03 T67J

Imports of cotton piece-goods, 1934 and 1935, are given by country of origin.

British West Indies. Jamaica textile imports, 1931-35. Gt. Brit. Bd. Trade Jour. 136(2051): 467. Mar. 26, 1936. (Published by H.M. Stationery Office, Adastral House, Kingsway, London, W.C.2, England) 256.03 T67J

Imports of cotton piece-goods, 1931-1934, are given by country of origin.

Canada. Department of trade and commerce. Dominion bureau of statistics. Census of industry. General manufactures branch. Report on the cotton & jute bag industry in Canada 1934. 12pp., tables, mimeogr. Ottawa, Canada. 1935. 253 C3321 Cotton & Jute 1934.

Canada. Department of trade and commerce. Dominion bureau of statistics. Census of industry. General manufactures branch. Report on the cotton textile industries in Canada 1934. 64pp., tables, mimeogr. Ottawa, Canada. 1936. 253 C3321 Cotton Textile 1934.

Chemistry opens new textile possibilities. Far East. Survey 5(10): 102-103. May 6, 1936. (Published by the American Council, Institute of Pacific Relations, 129 East 52nd St., New York, N. Y.)

Developments in rayon production throughout the world are noted.

Cotton mills study program to retire some of equipment. Cotton Digest 8(32): 5, 15. May 16, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Plans for reduction of productive capacity in the cotton textile industry are discussed.

Evans, J.W. Recovery of export business predicted by Joseph Evans. Cotton Digest 8(32): 4. May 16, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

The author refers to letters he has received from foreign spinners who are dissatisfied with results of using other than American cotton.

Flint, Richard. Rayon staple fibre in Italy. Silk and Rayon 10(5): 330,334. May 1936. (Published at 49, Deansgate, Manchester, 3, England)

Production, exports, and consumption are given for 1935.

How high taxes--perpetual strikes wrecked New England textile industry. Carolinas Mag.4(4): 7-8. March 1936. (Published at 324 South Church St., Charlotte, N.C.) 110 C22

Lemert, B.F. and Lemert, R.V. Mexico: the cotton textile industry. Jour.Geogr.35(4): 143-146,illus. April 1936. (Published at 3333 Elston Ave., Chicago, Ill.) 278.8 J82

Location and brief description of cotton manufacturing plants and costs of manufacture, including wages, are given.

McFadden, J.H.Jr. Outlook for domestic consumption. Com.and Finance 25(11): 392. May 30, 1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N. Y.) 286.8 C737

The author considers the outlook for consumption of cotton goods encouraging.

Molyneaux, Peter. Prosperity depends on opening the channels of world trade. Cotton Digest 8(33): 9,15. May 26, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Excerpts from the address delivered before the annual convention of the American Cotton Shippers Association, April 24-25, 1936. The international trade in cotton is discussed.

Murchison, C.T. Group action is essential, Dr. Murchison tells mill men. Cotton Digest 8(31): 8-10. May 9, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Address at meeting of American Cotton Manufacturers Association, Pinehurst, N. C., May 2, 1936.

Also in Cotton Trade Jour.16(19): 2. May 9, 1936;  
Textile Bull.50(10): 28,36-37. May 7, 1936.

Murchison, C.T. Present outlook for cotton textile industry. Com. and Finance 25(11): 390. May 30, 1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N. Y.) 286.8 C737

Webb, T.H. Address ... before the American cotton manufacturers association. The fortieth annual convention ... Pinehurst, North Carolina, May 1, 1936. 19pp. [Charlotte, N.C.] 1936.

The author describes the present situation in the cotton textile industry.

Also in Textile Bull.50(10): 7-9,47-49,52-53. May 7, 1936; Amer. Wool & Cotton Rptr.50(20): 13-14, 32-35. May 14, 1936.

West, R.R. Relation of wages to selling price. Textile Bull.50(10): 20,24,40. May 7, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So 82

"Address before annual convention American Cotton Manufacturers Association at Pinehurst" May 1-2, 1936.

### Supply and Movement

Baltazar, E.P. Commercial groups, species, types and varieties of cotton and their special uses. Agr. Life 2(7): 11-14,29, illus. July 1935. (Published at P.O.Box 3062, Manila, P.I.) 25 Ag8  
Varieties grown on each continent and types recognized by the Liverpool cotton market are described.

Coker, D.R. A farmer's viewpoint on agricultural and industrial relationships. Textile Bull. 50(11): 14,26-27. May 14, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

"Address before Annual Convention American Cotton Manufacturers Association at Pinehurst."

Development of cotton quality to meet spinners requirements is discussed.

Great Britain Colonial office. An economic survey of the Colonial empire. 573pp., tables. London. H.M.Stationery off., 1935. (Colonial No.109) 280.171 G791 1933

Statements as to cotton production are given for Kenya (pp.9-10), Nyasaland (pp.62-63), Nigeria (p.120), Leeward Islands, British West



Indies (pp.377,378,379) and St. Vincent (pp.413-414).  
A general statement as to varieties, production, etc.,  
is also given (pp.467-470).

Lopez, Alejandro. El cultivo del algodón necesita  
acción por parte del Gobierno. Agricultor 3(81):  
2. Apr.11, 1935. (Published at Bogotá, Columbia)  
9.4 Ag84

The cultivation of cotton needs action on the  
part of the government.

Martinez du Bujanda, E. Cultivation of cotton in  
Spain. Mo.Bull. Agr. Econ. and Sociol.27(2): 60-  
66. February 1936. (Published by International  
Institute of Agriculture, Rome, Italy) 280.29 In83

Efforts during recent years to establish cotton  
growing in Spain are described.

Se desarrolla con buenos perspectivas la campana de  
recolección del algodón en el Chaco y en otras  
zonas del pais. En general, los redimientos por  
hectárea y los precios son favorables. Gaceta  
Algodonera 12(146): 1,3. Mar.31,1936. (Pub-  
lished at Reconquista 331, Casilla Correo 550,  
Buenos Aires, Argentina) 72.8 G11

The outlook for a good cotton harvest in the  
Chaco and in other sections of the country. In  
general the yields per hectare and the prices are  
favorable.

## Prices

[American cotton shippers association. Futures con-  
tract and legislation committee] Shippers' recom-  
mendations as to futures contract, legislation.  
Cotton Trade Jour.16(18): 2,3. May 2, 1936. (Pub-  
lished at 810 Union St., New Orleans, La.) 72.8 C8214

Report analyzing the Smith investigation of the  
price break of March 11, 1935, made to the associa-  
tion's annual meeting in Dallas, April 24-25, 1936.

Wholesale prices in 1935. Gt. Brit. Bd. Trade Jour.  
136(2040): 42-48, tables. Jan.9,1936. (Published  
by H.M. Stationery Office, Adastral House, Kingsway,  
London, W.C.2, England) 256.03 T67J

"Tables are given showing index numbers for the  
years 1931 to 1935 (based on 1930=100), and monthly  
index numbers and wholesale prices for 1935. Prices  
in the cotton group were at about the same level in  
December, 1935, as in December, 1934, but there was  
a substantial rise in wool and 'other textiles'.C" -  
Textile Inst.Jour.27(3): A147. March 1936.

## Marketing and Handling Methods and Practices

[American cotton shippers' association. Foreign rules and arbitrations committee.] A.C.S.A. committee reports on foreign rules and arbitrations. Cotton Trade Jour.16(18): 3. May 2, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Report at meeting in Dallas April 24-25, 1936.

Egyptian cotton contract bases. Internatl. Cotton Bull.14(55): 317-318. April 1936. (Published at 26 Cross St., Manchester, 2, England) 72.8 In8  
"Extracted from a recent issue of the Egyptian Gazette."

The proposals adopted at a recent meeting of the Minet-el-Bassal Spot Exchange for revision of the futures contract are given.

Federal commission for cotton trade recommended by Hubbard. Cotton Trade Jour.16(20): 2. May 16, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Testimony by S.T.Hubbard before the United States Senate Committee on Agriculture and Forestry is commented upon. It included discussion of straddle operations and southern delivery.

Fenner, C.E. The modern cotton market. A business building facility worth every protection the nation can give it. Spp. [New Orleans] New Orleans cotton exchange [1936?]

Futures trading and use of hedges are briefly described.

Howard, C.B. Cotton comment. Cotton Trade Jour.16 (18): 1. May 2, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The author gives a brief history of buying cotton on call, and points out some of the disadvantages of this practice.

The Osaka Sampin Rayon Exchange. Rayon Organon 7 (5): 79-84. May 1936. (Published by Textile Economics Bureau, Inc., 21 East 40th St., New York, N.Y.)

The organization and procedure of the Japanese rayon futures market are described.

## Services and Facilities

Brownsville port opening celebration is being held. Cotton Digest 8(32): 12-13. May 16, 1936. (Pub-



lished at 710 Cotton Exchange Bldg., Houston, Tex.)  
286.82 C822

A brief description of the new port at Brownsville, Texas, is given.

Johnston, Oscar. Pool and loan holdings are explained by Oscar Johnston. Cotton Digest 8(33): 5-6. May 26, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

The author gives the history of the government's 1933 Cotton Producers Pool, 1933 10-cent loan program, 12-cent loan program of 1934, and 1935 10-cent loan.

### Cooperation in Marketing

Andrews, Stanley. Co-operative dividends. Amer. Cotton Grower 1(12): 7. May 1936. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

The author discusses recent developments in cooperative marketing of cotton, including marketing of 12-cent-loan cotton.

Brooks, H.F. Service. Staple Cotton Rev.14(5): 7-9, May 1936. (Published by the Staple Cotton Cooperative Association, Greenwood, Miss.) 72.8 St22

Services rendered by the Staple Cotton Cooperative Association are noted.

District resolutions. Okla. Cotton Grower 16(9): 2. May 15, 1936. (Published at 10 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4

Resolutions adopted at eight district meetings of the Oklahoma Cotton Cooperative Association, regarding work of the cooperatives, are given.

Gardner, Chastina. Periodicals issued by farmers' marketing and purchasing associations. U.S. Farm Credit Admin. Coop. Div. Misc. report 5, 16pp., mimeogr. Washington. 1936. 166.3 M68  
Cotton, pp.1-2.

Organization set-up. Staple Cotton Rev.14(5): 5-7. May 1936. (Published by the Staple Cotton Cooperative Association, Greenwood, Miss.) 72.8 St22

The organization of the Staple Cotton Cooperative Association is described.

[Robertson, Caffey] Bankhead co-op combines flayed by Robertson. Memphis exchange issues statement on Alabama Senator's report. Cotton Trade Jour. 16(19): 1,4. May 9, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The author comments upon the minority report of Senator Bankhead in the investigation of cotton co-operatives.

[Williamson, N.C.] N.C. Williamson answers critics of cotton co-ops. Co-op. official appears before members' council of A. of C. Cotton Trade Jour. 16(20): 4. May 16, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Extracts from address at New Orleans Association of Commerce, May 14, 1936.

### UTILIZATION

#### Fiber, Yarn, and Fabric Quality

Ahmad, N., and Gulati, A.N. A device for mounting cotton hairs for examination of fibre-maturity. Textile Inst.Jour.27(4): T109-T111,illus. April 1936. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

Ahmad, Nazir. Technological reports on trade varieties of Indian cottons, 1935. India. Indian Central Cotton Com. Technol.Lab. Technol. Bull.(ser.A) 29, 116pp.,tables. Bombay. 1935. 72.9 In2332A

Reports on cotton supplied by the East India Cotton Association, Bombay Millowners' Association, and Ahmedabad Millowners' Association are given.

Bayes, A.W. Studies in the variability of piece length in woven cotton cloth. Textile Inst.Jour. 27(3): T53-T83, illus.,tables,charts. March 1936. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

Boer, J.H. de. The influence of Van Der Waals' forces and primary bonds on binding energy strength and orientation, with special references to some artificial resins. Faraday Soc. Trans.32(1): 10-38,illus. January 1936. (Published by Gurney and Jackson, 33 Paternoster Row, London, England) 382 F22

"The question of the mutual orientation of molecules under the influence of van der Waal's forces is discussed. In general, there are two opposing factors, the tendency of the atoms to collect as many neighbours as possible, and the anisotropy of the polarisability ... In the discussion on this paper K.H. Meyer reports that the calculated value for the modulus of a cellulose chain from a spatiel model, taking into account

both the valency-oscillations and the information oscillations, was  $10,000 \pm 2,000 \text{ kg/mm}^2$  and the modulus of well-oriented natural cellulose fibres, measured by an acoustic method, was approximately  $11,000 \text{ kg/mm}^2$ . This affords direct evidence for the primary valency chain formula of cellulose."-Textile Inst.Jour.27(3): 146. March 1936.

Congresso nazionale di chimica pura ed applicata.  
4th, Rome, 1932. Atti. 908pp.,illus. Rome  
[Associazione italiana de chimica] 1933. 388 C763 4th

Partial contents: La cellulosa del nostri  
legni nell'economia e nella difesa della Nazione  
(Cellulose from our wood for the economy and the  
defense of our nation), by F. Carlo Palazzo, pp.64-  
80; Applicazioni pratiche del controllo del titolo  
delle fibre tessili (Practical applications of the  
recording of the thickness of a textile fibre) by  
Ettore Viviani, pp.243-256; II rigonfiamento (Quel-  
lung) della cellulosa (The swelling of cellulose),  
by Viviani Ettore, pp.872-883.

Cotton fabric tensile strength. New relations suggested--  
vital facts often overlooked--advantages of inter-  
weaving and rearrangement of construction--changes  
add to cost but increase tensile strength. Amer.  
Wool & Cotton Repr.50(17): 7-8. Apr.23,1936. (Pub-  
lished by Frank P. Bennett & Co., Inc.,530 Atlantic  
Ave., Boston, Mass.) 304.8 W88

Cotton filling fabric strength. Determined by chart  
method--Various factors considered--What tests show  
in regard to tensile strength--Double purpose charts--  
Combed yarn fabrics. Amer.Wool & Cotton Repr.50(20):  
9-10,21-23,table,chart. May 14, 1936. (Published  
by Frank P. Bennett & Co., Inc., 530 Atlantic Ave.,  
Boston, Mass.) 304.8 W88

Cotton warp fabric tensile strength. Determined  
by chart--Some comments on accuracy of skein  
method--factors affecting warp strength--Use of  
standard grab method--Application of chart. Amer.  
Wool and Cotton Repr. 50(18): 5-6,13-14,chart.  
Apr.30,1936. (Published by Frank P. Bennett &  
Co., Inc., 530 Atlantic Ave., Boston, Mass.)  
304.8 W88

Davidson, G.F. The dissolution of chemically  
modified cotton cellulose in alkaline solutions.  
Part II.-A comparison of the solvent action of  
solutions of lithium, sodium, potassium, and  
tetramethylammonium hydroxides. Textile Inst.



Jour.72(4): T112-T130, charts. April 1936. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

References, p.T130.

Downey, K.M. and Elmquist, R.E. Cotton fabrics as affected by variations in pressure, and in length of exposure during ironing. U.S.Dept.Agric. Tech. Bull.517, 32pp., illus., tables, charts. Washington, D.C. 1936. 1 Ag84Te

"Literature cited": pp.31-32.

Edelstein, S.M. A test for mercerization in the presence of dyes. Amer. Dyestuff Reporter 25 (7): P186-P190, chart. Apr.6, 1936. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.)

"The purpose of the present investigation has been to devise a test for determination of the presence of mercerization in cotton which would not be too difficult or lengthy and which would work satisfactory on samples of cotton dyed with any type of dye."

Garner, W. Note on methods of defining the cross-sectional shape of fibres. Soc.Dyers & Colourists Jour.51(12): 414-415. December 1935. (Published at Ocean Chambers, 32/34 Picadilly, Bradford, Yorkshire, England) 306.9 Sol

The author suggests that "two coefficients should be considered, when relating the properties of a fibre to its cross-section."

Hall, A.J. Recently devised apparatus for measuring the strength-elongation properties of yarns and fiber. Textile Colorist 58(685): 40-43, 60, illus. January 1936. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31

Hardy, Eric. Cotton fibres under the microscope. Textile Mercury and Argus 94(2454): 295, illus. Apr.3, 1936. (Published at 41 Spring Gardens, Manchester, England) 304.8 T318

The author describes briefly what may be seen in a cotton fiber under the microscope.

Hertel, K.L., and Zervigon, M.G. An optical method for the length analysis of cotton fibres. Textile Research 6(7): 331-339, illus. May 1936. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) 304.8 T293

References, p.339.

"In substance, the contents of this paper were

presented at the April, 1934, meeting of the Tennessee Academy of Science, Knoxville, Tennessee, under the title, "A Seed Cotton Fibrograph."

"The present paper describes a method of indirect analysis that eliminates the necessity for the mechanical separation of the fibres into length groups and does not require weighing or counting of the fibres to obtain the length-cumulative frequency curve."

Meulemeester, D. de, and Nicoloff, I. A stress-extension recording dynamometer for textile fibres. Textile Inst. Jour. 27(3): T84-T87, illus. March 1936. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31  
References, p. T87.

Rehmann, H. Über vergilbte, fleckig und streifig gewordene gebleichte waren, insbesondere verbandbaumwollen, pack-, polster- und hydrophile watten. Monatschrift für Textil-industrie 50(11): 265-266, November 1935. (Published by Theodor Martins Textilverlag, Dorrienstrasse 9, Leipzig C 1, Germany) 304.8 L53

Concerning yellowed, spotted and striped bleached goods, especially cotton dressings, pack-, bolster-, and absorbent-wadding.

"The development of a yellow colour and of spots and stripe effects on bleached cotton wadding on sotring may be due to the use of water containing iron, lime, loam, and other impurities, to the presence of oil, traces of metal and other impurities in the original cotton, or to incomplete removal of fats, waxes, chlorine, acids, and soaps in the boiling, bleaching and rinsing processes. These faults are discussed and the precautions to be taken in order to avoid them are described."- Textile Inst. Jour. 27(3): A118. March 1936.

Saito, Gi-iti. Die viskositat der cellulose-losungen, I-II. Soc. Chem. Indus. Japan. Jour. (supplemental binding) 39(4): 149B. April 1936. (Published by Society of Chemical Industry, Tokyo, Japan.) 385 J82  
Viscosity of cellulose solutions. I-II.

Steinberger, R.L. Creep in single fibres of American Delta cotton. Textile Research 6(7): 325-330, table, charts. May 1936. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) 304.8 T293

"The constant stress elongation or creep of single filaments of American Delta cotton, crop



of 1935-36, has been measured at relative humidities ranging from 0% to 100% and at a temperature of 28°.-C."

Young, G.F. Seam shrinkage of pre-shrunk cotton fabric. Textile Manfr. 62(733): 33,30. January 1936. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England) 304.8 T3126

Causes of shrinkage of cotton and need for study of shrinkage of sewing thread are discussed.

### Technology of Manufacture

Cooper, A.J. The use of preserved wood in textile mill construction. Wood Preserving News 14(4): 47-51, April 1936. (Published at 111 West Washington St., Chicago, Ill.)

"Paper presented at convention of American Wood-Preservers' Association, Jan. 22-24, 1936."

"To summarize, the problems of wood preservation in textile mills are the same as in other plants, namely, the combating of fungi and termites, but are aggravated by the high humidities and generally damp conditions in the manufacturing areas."

Destruction of cotton cloth by termites is mentioned.

Cotton combing. A new type of top comb needle which facilitates increased production and the use of heavier laps on the new model Nasmith Comber. Textile Recorder 53(637): 30. Apr. 15, 1936. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

Cotton spinning factors. The roving process-III. Roller traverse efficiency control. Textile Mercury and Argus 94(2454): 291, xii, Apr. 3, 1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

Cowley, Charles. Good cotton yarn is made in the picker room. Rayon and Melliand Textile Monthly 17(5): 62-63. May 1936. (Published by Rayon Publishing Corporation, 303 Fifth Ave., New York, N.Y.) 304.8 R21

Methods to be used in the picker room are described.

Good cotton from waste. New types double opener. Important claims for Lancashire invention. Textile Mercury and Argus 94(2455): 310, xi. Apr. 10, 1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

"The Wild and Quinn 'D' type double opener" is described.

"Manager." Cotton spinning calculations. The differential motion. Textile Mercury and Argus 94(2456): 334. Apr.17,1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

Mellor, Bromley and Co., limited. The Bahnson humidifying system. Textile Manfr.62(733): 23, illus. January 1936. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T1326

Merrill, G.R. How to calculate drafts, doublings, sizes, speeds, wastes, spindles, and other details of cotton organizations. Textile World 86(6): 1062-1063. May 1936. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315

The first of a series of articles. "This introductory article offers outlines of the two waste spinning systems, a discussion of the number of roving operations required for two regular spinning of various yarns, and two interesting tables" giving range of drafts and sizes and counts spun from various staples.

[Southern textile association. Eastern Carolina division] Textile tests subject of eastern Carolina meeting. Textile Bull.50(9): 10,12-13,16-17,24. Apr.30,1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

Report of meeting held April 25, 1936, at Raleigh.

Also in Textile World 86(6): 1096-1097. May 1936; Cotton [Atlanta] 100(5): 79-81,153. May 1936.

[Southern textile association. North Carolina-Virginia division] Carding and spinning discussions. North Carolina-Virginia division discusses humidity, one and two-process drawing, card production, long draft roving, cleaners, cork rolls, long draft aprons. Amer.Wool & Cotton Repr. 50(17): 17-20. Apr.23,1936. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

Report of a meeting held in Greensboro, N.C. April 11, 1936.

Also reported in Textile World 86(6): 1098. May 1936; Cotton [Atlanta] 100(5): 75-78. May 1936.

[Southern textile association. South Carolina spinners' division] Cotton spinners' discussions. S.C. division's questions included roller bearing spindles, changing spinning ring gauge, humidification over week-end, warp and filling yarn from single intermediate. Amer. Wool & Cotton Repr. 50(18): 15-18, 28. Apr. 30, 1936. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.88 W88

Report of meeting held April 18, 1936 at Spartanburg, S.C.

Also in Textile World 86(6): 1097-1098. May 1936.

Spibley, Horace. The effects of different cylinder speeds on card wastes, sliver and yarn. Textile Inst. Jour. 27(3): T88-T100, illus. March 1936. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31

"This research, undertaken to determine the effects of different cylinder speeds on: (a) waste extraction at the various parts of the card, and (b) sliver and yarn properties, was conducted with Good Sakellaridis Egyptian and Strict Middling Texas American cottons respectively."

"Spintech." The spinning mule sector. Practical hints on correct setting. Textile Weekly 17 (427): 535-536, chart. May 8, 1936. (Published at 49 Deansgate, Manchester, 3, England) 304.8 T3127

Townson, J.H. The spinning of baled jap thread wastes. Textile Manfr. 62(733): 6-8. January 1936. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126

"A description of processes in the production of weft for cotton blankets, etc., from baled Jap hard wastes."

Vacuum removal of lint and dust. Textile Bull. 50(10): 30-31, 34. May 7, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

A "system for the removal of dust, lint and fly from textile machinery, especially on automatic spoolers" is described.

### Technology of Consumption

Bell, W.R. Industrial uses of cotton promising. Com. and Finance 25(11): 394. May 30, 1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.) 286.8 C737



[Cameron, F.K.] Cotton mown like hay and chemically digested. Science 83(2160): suppl. p.10. May 22, 1936. (Published at Grand Central Terminal, New York, N.Y.) 470 Sci2

Brief report of an address at the Second Dearborn Conference of Agriculture, Industry and Science, Detroit, May 12, 1936.

Cotton cloth in road construction. Internatl. Cotton Bull.14(55): 335-337, table. April 1936. (Published at 26 Cross St., Manchester, 2, England) 72.8 In8

Specifications of cotton mats to be used for curing concrete pavements in the United States and cotton fabric to be used for reinforcing bituminous surface treated highways in the United States, are given.

Everett, C.K. Cotton week only one phase of industry's activities to increase cotton uses. Com. and Finance 25(11): 391. May 30, 1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.) 286.8 c737

Everett, C.K. Developing new outlet for cotton. Mfrs. Rec.105(5): 68. May 1936. (Published at Commerce and Water Sts., Baltimore, Md.) 297.8 M31

"The author mentions experiments now under way for use of fabric in roads and airport runways."

Everett, C.K. Graphic picture of new uses for cotton. Cotton Trade Jour.16(18): 2. May 2, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214  
Address at meeting of American Cotton Manufacturers' Association. May 1, 1936.

Also in Textile Bull.50(10): 18, 22, 46. May 7, 1936.

Everett, C.K. New uses for cotton--What the cotton-textile institute has done. Cotton Digest 8(30): 8-10. May 2, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Address before American Cotton Shippers Association convention, Dallas, Texas, April 24, 1936."

Extracts in Textile Bull.50(9): 24-25. April 30, 1936.

Hays, M.B. Terms used on textile labels. Jour. Home Econ.28: 151-156. March 1936. (Published by American Home Economics Association, Mills Building, Washington, D.C.) 321.8 J82

"Although it is recognized that some of the

trade terms are loosely used and that their interpretation changes over a period of years, an attempt is made here to state what seems to be the meaning at this date (January 1936) of some common terms appearing on textile and clothing labels."

#### COTTONSEED AND COTTONSEED PRODUCTS

Cotton burs made poor cattle feed. Farmer-Stockman 49(10): 300. May 15, 1936. (Published at Oklahoma City, Okla.) 6 Ok45

An experiment at Substation No.7, Spur, Texas, is reported.

Emerson, Oliver, Emerson, G.A. and Evans, H.M.

The isolation from cottonseed oil of an alcohol resembling alpha tocopherol from wheat germ oil. Science 83(2157): 421. May 1, 1936. (Published at Grand Central Terminal, New York, N.Y.) 470 Sci2

Hagan, M.E. Suggestions for remodeling oil mills for maximum efficiency. Cotton and Cotton Oil Press 37(19): 8,32. May 9, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Suggestions for decreasing operating costs in cottonseed oil mills are given.

Meloy, G.S. Development and use of standards for grade, color, and character of American cotton linters. U.S. Dept. Agr. Misc. Pub.242, 11pp. Washington. 1936.

Morgan, J.I. Tonnage. Cotton and Cotton Oil Press 37(17): 8,12-13. Apr.25,1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822  
"An address delivered at the Annual Convention of the Valley Division of the National Cottonseed Products Association, Hot Springs, Ark., April 13, 1936."

Improvements in the cottonseed oil industry are suggested.

Muldrow, M.W. Feeding cottonseed by-products to livestock. Cotton and Cotton Oil Press 37(18): 10-11. May 2, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

A radio talk on the use of cottonseed meal.

Rounce, N.V. The conversion of cotton seed into compost and the disposal of surplus cotton seed. East African Agr. Jour.1(5): 352,414. March 1936. (Published at Nairobi, Kenya) 24 Ea74



Spadola, J.M. and Ellis, N.R. The effect of the ingestion of cottonseed oil before and after hydrogenation on the composition of the body fat of the rat. Jour.Biol.Chem.113(1): 205-218. February 1936. (Published at Mount Royal and Guilford Avenues, Baltimore, Md.) 381 J824

Bibliography, pp.217-218.

"The rats fed cottonseed oil deposited more palmitic and stearic acids than those fed partially hydrogenated cottonseed oil or the low fat diet...The body fat of rats fed cottonseed oil or hydrogenated cottonseed oil contained small amounts of arachidonic acid and a saturated acid of higher molecular weight than C<sub>18</sub>" - Summary.

Ueno, Sei-ichi, and Iwai, Masayoshi. On the investigation of saturated acids of completely hydrogenated oils by the method of fractional distillation. I. Hardened cottonseed oil. Soc.Chem.Indus.Japan Jour.(Suppl.binding) 38 (10): 602-603, tables. October 1935. (Published by the Society of Chemical Industry, Yuraku Bldg., Marunouchi, Tokyo, Japan) J385 J82

"Hardened cottonseed oil (I no., Wijs 0.53, m. 60.6-1.8°) obtained from refined oil (I no. 107.3 sapon. no.189.5), was sapond., purified with Et<sub>2</sub>O and the mixed fatty acids were sepd. The mixed acids (neutralization no. 191.5, I no. 0.86m. 63.5-4.3°, titer 60.6°) were esterified with MeOH contg. 2.5% HCl and the Me esters were fractionally distd. at 2 mm. pressure into 14 fractions. The results of the distn. were checked by the fractional crystn. of the free fatty acids in alc. The quant. compn. was calcd. by use of the mean wt. of the Me esters computed from the neutralization nos. and the theoretical mol. wt. of the pure esters. The compn. was found to be: minute amt. of myristic acid, and about 17% palmitic, 76% stearic and 7% arachidic acids. Exptl. results are given. (C.A.30, 1249)"--Oil & Soap 13 (4): 105. April 1936.

Volz, C.N. Efficiency in separation. Cotton and Cotton Oil Press 37(21): 22. May 23, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Address "delivered at the joint convention of oil mill superintendents, Memphis, Tenn., May 22, 1936."

The author outlines his procedure for separating lint and hulls from cottonseed.

Ward, A.L. Cottonseed meal futures. Cotton and Cotton Oil Press 37(18): 3-4. May 2, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"Address at annual convention of the Valley Division of the National Cottonseed Products Association, Inc., April 14, at Hot Springs, Ark."

The author "stresses the importance of cottonseed meal to the future of the farmer, the ginner and the oil miller, and points out that the south can continue to be the greatest cotton section in the world if we use the proper system in our cotton farming...Editor."

#### LEGISLATION, REGULATION, AND ADJUDICATION

Deloach, George. South Carolina. Amer.Ginner and Cotton Oil Miller 13(8): 9-10. April 1936. (Published by American Ginner Publishing Co., 215 East Third St., Little Rock, Ark.) 72.8 Am35

Efforts to obtain refunds to ginner's of expenses incurred under the Bankhead Act are discussed.

Garside, A.H. Discounts and uncertainty of great harm to shippers. Cotton Digest 8(32): 7, chart. May 16, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Excerpts from testimony recently before the Senate Committee on Agriculture and Forestry."

Hutson, L.C. Federal cotton program--Old and new. Cotton and Cotton Oil Press 37(17): 3-5. Apr. 25, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Address "before the 19th annual convention of the Oklahoma Cotton Ginner's Association in Oklahoma City, April 17, 1936."

The author points out reasons for the failure of the old program and analyzes the new one.

Import restrictions: importable quantity of cotton into Greece and allocation of exchange for the exceptional requirements of commerce. Indian Trade Jour. 121(1555): 131. Apr. 9, 1936. (Published by the Department of Commercial Intelligence and Statistics, 1, Council House St., Calcutta, India.) 286.8 In24

Official decisions of the Greek government are summarized.

[India. Department of education, health and lands]  
Amendment in rules governing the import of

American cotton into British India. Indian Trade Jour.121(1555): 129. Apr. 9, 1936. (Published by the Department of Commercial Intelligence and Statistics, 1, Council House, St., Calcutta, India) 286.8 In24

Charges for fumigation of imports are reduced.

Meadows, W. R. Confidence key to better times. Com. and Finance 25(11): 394-395. May 30, 1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.) 286.8 C737

Changes in government policy are suggested.

Neilson, J.B. That Bankhead expense refund. Amer. Ginner and Cotton Oil Miller 13(8): 6. April 1936. (Published by American Ginner Publishing Co., 215 East Third St., Little Rock, Ark.) 72.8 Am35

The present status of efforts to obtain a refund for ginner is discussed.

A net weight cotton law. Amer.Cotton Grower 1(12): 8-9, illus. May 1936. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Arguments in favor of a Federal law requiring cotton to be sold on net weights are given.

Smith amendments to futures act represent compromise of ideas. Cotton Trade Jour.16(21): 7. May 23, 1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

An analysis by Mr. J.J.O'Donnell of the amendments to the Cotton Futures Act proposed by Senator Smith is given.

Smith bills important to cotton growers. Cotton and Cotton Oil Press 37(19): 11. May 9, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

Comments on the bills introduced by Senator E. D. Smith to extend the grade and staple reporting service and to provide an official grading system for cottonseed are given.

Stovall, W.H. The farm program again. Staple Cotton Rev.14(4): 1-12. April 1936. (Published by the Staple Cotton Cooperative Association, Greenwood, Miss.) 72.8 St22

The author illustrates the new farm program by applying it to a 1000-acre cotton farm.

United States Congress. House. Committee on labor. To rehabilitate and stabilize labor conditions



in the textile industry of the United States. Hearings before a subcommittee...Seventy-fourth Congress. Second session on H.R.9072. January 27, 28,29,30,31, and February 3,4,5, and 6, 1936. 794pp., illus., tables, charts. Washington, 1936. Hearings on the Ellenbogen bill.

United States Congress. Senate. Committee on agriculture and forestry. Providing for the disposition of certain cotton held by the United States. Hearings...Seventy-fourth Congress, second session on S.J.Res.205. A joint resolution providing for the disposition of certain cotton held by the United States. February 6,11, 12,13, and 14, 1936. 160pp. Washington, D.C., U.S. Govt. print. off., 1936. 280.372 Un33  
Testimony of Oscar Johnston, A.S.Wyllie, and others is included.

[United States Department of agriculture. Agricultural adjustment administration] 1936 agricultural conservation program--southern region. Bulletin no.3--instructions on establishing bases and instructions on filling out work sheets. Fed. Register 1(41): 424-427. May 9, 1936. (Published by National Archives, Washington, D.C.) 169 F31

[United States Department of agriculture. Agricultural adjustment administration] 1936 agricultural conservation program--western region. Fed. Register 1(31): 301-307, tables. Apr.25, 1936. (Published by National Archives, Washington, D.C.) 169 F31

"Bulletin no.1, revised."

Soil conservation for cotton lands is included.

Supplement (a), which is appended, does not refer to cotton.

United States Department of agriculture. Bureau of agricultural economics. Revision of standards for grades of American upland cotton. U.S. Dept. Agr. S.R.A. (B.A.E.) 150, 10pp., charts. Washington. 1936. 1 M34S

Contents: Universal cotton standards revised effective August 20, 1936, pp.1-5; Classification according to the new standards, pp.5-6; Public notice establishing official cotton standards of the United States for the grade of American upland cotton, effective August 20, 1936, pp.6-9; revision of standards, p.10.

United States President (Roosevelt). Increased rates of duty on cotton cloth...A proclamation. Fed. Register 1(51): 511-512. May 23, 1936. (Published by National Archives, Washington, D.C.) 169 F31



Vegetable oil adjustment. Traffic World 57(18): 833.

May 2, 1936. (Published at 418 S. Market St., Chicago, Ill.) 286.8 T672

"A recommendation that the Commission require the railroads to deal with the situation respecting rates on vegetable oils not edible and vegetable oils edible, by stipulating in their tariffs that the vegetable oil rates will not apply on the edible products has been made by Examiner C.G. Jensen, in I. and S. No. 4039, vegetable oils between points in the United States."

#### MISCELLANEOUS--GENERAL

[American cotton manufacturers association]

Resolutions adopted by American cotton manufacturers association. Textile Bull. 50(10): 16, 44. May 7, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

Resolutions, relating to net weight, new uses, imports, tariff on jute, Ellenbogen bill, joint manufacturing and distribution, decline in exports, exchange rules, and windfall tax were adopted at the meeting in Pinehurst, May 1-2, 1936.

Comer, Donald. Farming and industry have common problems. Textile Bull. 50(11): 3-4, 30-31.

May 14, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

"Address before Annual Convention American Cotton Manufacturers Association at Pinehurst."

The author urges cotton manufacturers to take more interest in agricultural development in their communities.

Egyptian cotton year book for 1934-1935. Edited by George Pilavachi. 158pp., illus., tables. [Alexandria, Egypt, 1936] 281.3729 Eg93

Partial contents: The law no. 51 of 2 August 1934 prohibiting the mixture of the different varieties of Egyptian cotton, pp. 51-58; Cotton research work at Giza, by C. H. Brown, pp. 63-66; Cotton v. rayon staple fibre, pp. 69-71; The Egyptian cotton section of the Lancashire cotton industry in the 1934-1935 season, by Dudley Windel, pp. 72-74; The Egyptian cotton market in American during 1934-1935, by W. K. Shaw, jr. pp. 75-76; The Egyptian section of the cotton industry on the continent of Europe, by G. K. Pettenpaul, pp. 79-83; The propagation of Egyptian cotton seed, by C. H. Brown, pp. 85-87.

[India. Indian central cotton committee. Publicity officer] Extracts from a communiqué ... reviewing the activities of the committee during the year ending 31st August, 1935. Indian Trade Jour. 120(1551): 1265-1267. Mar.12,1936. (Published by the Department of Commercial Intelligence and Statistics, 1, Council House St., Calcutta, India) 286.8 In24

Livingston, L.F. Farm to factory. Chemistry points the way ...soy beans ... tung oil ... starch ... wood pulp ... cotton ... rayon. Sci. Amer.154(6): 319,illus. June 1936. (Published by Munn & Co., Inc., 24 West 40th St., New York, N.Y.) 470 Sci25

Some uses of cotton and cottonseed are noted.

McLaurine, W.M. Work of American cotton manufacturers association is vital to southern industry. Textile Bull.50(11): 5-7,29. May 14, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

"Address before Annual Convention American Cotton Manufacturers Association at Pinehurst."

Roberts, J.I. The relationship of the cotton crop to plague, and its role as a vehicle for rats and fleas in East Africa. Jour.Hygiene 35(3): 388-403,tables,charts. August 1935. (Published by Cambridge University Press, Fetter Lane, E.C.4, London, England) 449.8 J82

References, p.403.

The author concludes that cottonseed does not attract rats or fleas and therefore is not an agent in the dissemination of plague.

ooOoo